



## Lieutenant General Levin Hicks Campbell, Jr.

Lieutenant General Levin Hicks Campbell, Jr., was born in Washington, D.C., on November 23, 1886 and graduated from

the U.S. Naval Academy in 1909. He began his remarkable Army career in the field of Ordnance in 1911, when he was commissioned a second lieutenant in the Coast Guard Artillery Corps. Considered by many to be World War II's greatest weapons designer and producer, he gained fame by heading the Ordnance Department through the days when the Industry-Ordnance Team began producing overwhelming firepower for World War II. He inaugurated manufacturing techniques in the production of gun carriages and self-propelled fighting vehicles; he revolutionized the art of artillery ammunition production in the areas of machining of shells, manufacturing of cartridge cases, and production of mechanical time fuzes; and he directed the vast program of building Ordnance plants throughout the country for the production of chemicals and explosives and the loading of ammunition. He was the Manufacturing Officer at Frankford Arsenal, from June 1935 to October 1940, and the Assistant Chief of Industrial Service at the Office Chief of Ordnance from November 1940 to June 1942. He was Chief of Ordnance from July 1942 until his retirement in May 1946. He was advanced to the grade of Lieutenant General on the AUS retired list on June 4, 1948. General Campbell died in Annapolis, Maryland on November 17, 1976



## **Lieutenant General Emerson L. Cummings**

Lieutenant General Emerson L. Cummings was born in Michigan on March 16, 1902 and graduated from the United States Military Academy in 1924. He served as Chief of Ordnance from 1953 to 1958, as Deputy Commanding General of the 8th Army in Korea from 1958 to 1960, and as Commanding General of the 5th Army from 1961 to 1962. His distinguished career spannned over 38 years of active service. He organized the Commodity Command, establishing industry advisory groups. During his tenure as Chief of Ordnance, the first U.S. satellite was put into orbit, launched by a Redstone missile. General Cummings retired from active duty in 1962 and died in Florida on January 24, 1986.



## Major General John B. Madaris

Major General John B. Medaris was born in Milford, Ohio on May 12, 1902 and enlisted in the Marine Corps at the age of 16.

After 1 year, he was honorably discharged in order to attend Ohio State University. He was commissioned a lieutenant in the Infantry in August 1921. From 1928 until 1939, he was in private business while remaining in the Reserves. He reentered active duty in the Army as a captain in the Ordnance Corps in 1939. From 1948 until 1952, he was Chief of the U.S. Army Mission to Argentina. He worked in the Industrial Division of the Office Chief of Ordnance from 1953 to 1956. He was the Commanding General, U.S. Army Ballistic Missile Command and from 1958 to 1960 he was the Commanding General, U.S. Army Ordnance Missile Command. He planned and conducted the Ordnance part of the D-Day invasion and the Normandy Campaign. He developed and put into effect "Operation Ready," an innovative approach to stockpiling. He spearheaded the successful effort to place this country's first satellite, the Explorer I, in orbit in January 1958. He retired in 1960 and became the President and CEO of the Lionel Corporation. He subsequently went into business consulting and then became an Episcopal priest. General Medaris died in Tennessee on July 11, 1990.